Claims

1. Method for protecting against manipulation of a motor vehicle controller, the motor vehicle controller (1) comprising at least one microcomputer (μC) and at least one memory module (2, 3), at least one of the memory modules (2, 3) constituting a reversible read-only memory (3), characterized in that the reversible read-only memory (3) stores data which have been encrypted by an encryption process and the key used in the encryption process comprises at least one part of at least one original identifier (ID) of at least one of the modules (μC, 2, 3) of the control device, which identifier is specific to the module.

2. The process as claimed in claim 1, wherein the identifier constitutes the identifier of the microcomputer (μC).

3. The process as claimed in claim 1 to 2, wherein the identifier constitutes the identifier of an additional memory module (3).

4. The process as claimed in one of claims 1 to 3, wherein the key is stored in the RAM of the microcomputer (μC).

5. The process as claimed in one of claims 1 to 4, wherein to generate a key for encryption of data on a reversible read-only memory (3) from a read-protected OTP area (11) of the microcomputer at least part of the identifier (ID) of at least one of the modules (μC, 2, 3) of the control device (1) is read out.

6. The process as claimed in one of claims 1 to 5, wherein each time the control device (1) is started up, a key for decryption of the data which have been stored encrypted in the reversible read-only memory (3) is re-generated.

7. Motor vehicle control device in which a process as claimed in one of claims 1 to 6 is implemented.